



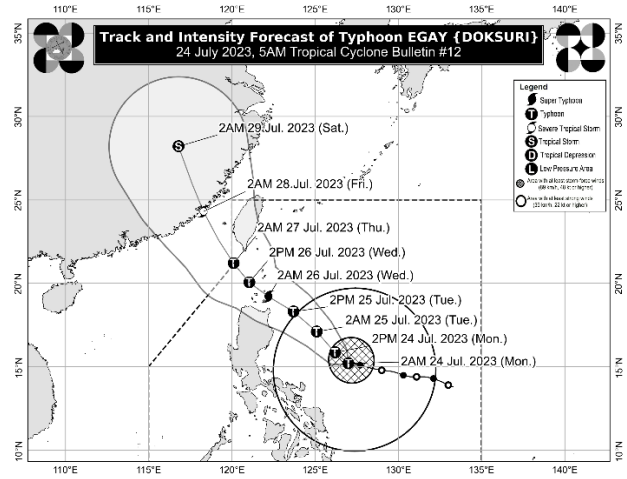
TROPICAL CYCLONE BULLETIN NO. 12
Typhoon EGAY (DOKSURI)

Issued at 5:00 AM, 24 July 2023

Valid for broadcast until the next bulletin at 11:00 AM today.


TYPHOON EGAY UNDERGOES RAPID INTENSIFICATION AS IT MOVES OVER THE PHILIPPINE SEA.


Location of Center (4:00 AM)
The center of the eye of Typhoon EGAY was estimated based on all available data at 565 km East of Baler, Aurora (15.3°N, 126.9°E)
Intensity
Maximum sustained winds of 140 km/h near the center, gustiness of up to 170 km/h , and central pressure of 965 hPa
Present Movement
Westward at 15 km/h
Extent of Tropical Cyclone Winds
Strong to typhoon-force winds extend outwards up to 600 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 24 July 2023	15.9	126.2	435 km East of Casiguran, Aurora	155	TY	NW 10
24-Hour Forecast 2:00 AM 25 July 2023	17.1	125.1	330 km East Northeast of Casiguran, Aurora	165	TY	NW 15
36-Hour Forecast 2:00 PM 25 July 2023	18.3	123.7	220 km East of Aparri, Cagayan	175	TY	NW 15
48-Hour Forecast 2:00 AM 26 July 2023	19.2	122.2	Over the coastal waters Calayan, Cagayan	185	STY	WNW 15
60-Hour Forecast 2:00 PM 26 July 2023	20.1	121.1	100 km West Southwest of Basco, Batanes	175	TY	NW 15
72-Hour Forecast 2:00 AM 27 July 2023	21.2	120.1	185 km West Northwest of Itbayat, Batanes	165	TY	NW 15
96-Hour Forecast 2:00 AM 28 July 2023	24.3	118.3	535 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	110	STS	NNW 15
120-Hour Forecast 2:00 AM 29 July 2023	28.2	116.8	970 km North Northwest of Extreme Northern Luzon or in the vicinity of Jiangxi, China (OUTSIDE PAR)	65	TS	NNW 20

Prepared by: 
 PCDM

Checked by: 
 RPG



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	The southeastern portion of Isabela (Palanan, Dinapigue) and northeastern portion of Catanduanes (Pandan, Bagamanoc, Panganiban, Viga, Gigmoto)	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	Batanes, Cagayan including Babuyan Islands, the rest of Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, the northern portion of Pangasinan (Natividad, San Nicolas, San Quintin, Sison, Pozorrubio, San Manuel, San Fabian, Anda, Bolinao, San Jacinto, Manaoag, Laoac, Binalonan, Asingan, Tayug, Santa Maria, Umingan, Dagupan City, Mangaldan), the northern and eastern portions of Nueva Ecija (Carranglan, Bongabon, Gabaldon, Pantabangan, Lupao, San Jose City), the northern and southeastern portions of Quezon (Pitogo, San Andres, Buenavista, San Francisco, Calauag, Infanta, Lopez, Catanauan, Mulanay, Guinayangan, Unisan, General Luna, Plaridel, Quezon, Alabat, Padre Burgos, Macalelon, Mauban, General Nakar, Perez, Agdangan, Gumaca, Atimonan, Real, San Narciso, Tagkawayan) including Polillo Islands, Camarines Norte, Camarines Sur, the rest of Catanduanes, Albay, Sorsogon, and Masbate	Northern Samar, Eastern Samar, Samar and Biliran	-
	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Forecast accumulated rainfall today

- **50-100 mm:** Catanduanes, the northeastern portion of Camarines Sur, and the northern portion of Camarines Norte

Forecast accumulated rainfall tomorrow

- **Above 200 mm:** The northeastern portion of mainland Cagayan
- **100-200 mm:** The rest of Cagayan including Babuyan Islands, Ilocos Norte, Ilocos Sur, the western portion of Abra and the northern portion of Apayao
- **50-100 mm:** Batanes, the northern and eastern portions of Isabela, the rest of Apayao, the rest of Abra, Kalinga, the western portion of Mountain Province, Benguet, La Union, and the western portion of Pangasinan

Forecast accumulated rainfall on Wednesday

- **Above 200 mm:** Batanes, Babuyan Islands, and Ilocos Norte
- **100-200 mm:** The northern portion of mainland Cagayan, Apayao, Abra, and Ilocos Sur,
- **50-100 mm:** The rest of mainland Cagayan, Kalinga, the western portion of Mountain Province, Benguet, La Union, and Pangasinan.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are highly likely** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

In addition, EGAY may also **enhance the Southwest Monsoon**, bringing occasional to monsoon rains over the western portions of Central Luzon, Southern Luzon, and Visayas in the next three days. For more information, refer to **Weather Advisory #3 for Southwest Monsoon** issued at 11:00 PM yesterday and the **24-Hour Public Weather Forecast and Outlook** at 4:00 AM today.

Severe Winds

Minor to moderate impacts from gale-force winds are possible within any of the areas where Wind Signal No. 2 are in effect. Minimal to minor impacts from strong winds are also possible within any of the areas where Wind Signal No.1 is hoisted. **Current forecast scenario shows that the highest wind signal that may be hoisted will be Wind Signal No. 4 or 5 (e.g., typhoon-force wind threat).**

EGAY and the enhanced Southwest Monsoon may also bring gusty conditions over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today:** CALABARZON, MIMAROPA, Visayas, and the northern portions of Zamboanga Peninsula, Northern Mindanao, and Caraga.
- **Tomorrow:** Luzon, Visayas, Zamboanga Peninsula, Basilan, Sulu, Tawi-Tawi, and the northern portion of Northern Mindanao and Dinagat Islands.
- **Wednesday:** Luzon and Visayas.



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HAZARDS AFFECTING COASTAL WATERS

Under the influence of EGAY, a **Gale Warning is in effect** over several coastal waters along the northern and eastern seaboard of Northern Luzon, the eastern seaboard of Central Luzon, the seaboard of Southeastern Luzon, and the eastern seaboard of Visayas and Northeastern Mindanao. **Sea travel is risky for small seacrafts. For larger vessels, operating in gale conditions requires experience and properly equipped vessels. Mariners without proper experience or operating ill-equipped vessels are advised to remain in port or seek safe harbor.** For more information, refer to **Gale Warning #3** issued at 5:00 AM today.

In the next 24 hours, EGAY may also bring moderate to rough seas (2.0 to 3.0 m) over the coastal waters outside the Gale Warning area along the western and southern seaboard of Southern Luzon, the remaining seaboard of Visayas, and the eastern seaboard of Mindanao. **Mariners of small seacrafts are advised to take precautionary measures when venturing over these waters. If inexperienced or operating ill-equipped vessels, avoid navigating in these conditions.**

TRACK AND INTENSITY OUTLOOK

- After a brief period of westward or west northwestward movement, EGAY is forecast to turn northwestward and head closer to the landmass of Northern Luzon towards the Luzon Strait. On the track forecast, this typhoon is forecast to cross the Luzon Strait and make landfall or pass very close to the Babuyan Islands-Batanes area between tomorrow late evening and Wednesday afternoon. Typhoon EGAY may exit the Philippine Area of Responsibility (PAR) on Thursday as it moves over the waters southwest of Taiwan. Outside the PAR, the typhoon will cross the Taiwan Strait and make landfall over Fujian, China on late Thursday or early Friday.
- It must be emphasized that further shift in the track forecast closer to Luzon remains a possibility due to the persistence of the ridge of high pressure north of the typhoon. This is represented by the forecast confidence cone. As such, a landfall over the northeastern portion of mainland Cagayan is not ruled out.
- EGAY is forecast to continue intensifying and reach super typhoon category by late tomorrow or on early Wednesday. However, should the track forecast shift closer to the landmass of Luzon, the typhoon may peak at an intensity just below STY threshold. Nevertheless, EGAY is forecast to become a very strong typhoon. A weakening trend may begin by Wednesday afternoon or evening as it enters the cooler waters southwest and west of Taiwan (i.e., Taiwan Strait).

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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